Leslie Royds 10/723,420

```
=> d his ful

        FILE 'REGISTRY' ENTERED AT 09:40:43 ON 17 JUL 2006
                ACT ROYDS/A
                ---------
L1              STR
L2      720 SEA SSS FUL L1
                ---------
                ACT ROYDSPROVISO/A
                ---------
L3              STR
L4    (   720)SEA SSS FUL L3
L5              STR
L6      415 SEA SUB=L4 SSS FUL L5
                ---------
L7      305 SEA ABB=ON  PLU=ON  L2 NOT L6
                DIS

        FILE 'CAPLUS' ENTERED AT 09:41:30 ON 17 JUL 2006
L8       69 SEA ABB=ON  PLU=ON  L7
L9        9 SEA ABB=ON  PLU=ON  L8 AND (PHARMACEUT?/OBI OR 63/SX,SC)
L10       4 SEA ABB=ON  PLU=ON  L8 AND ( 1/SX,SC)
L11      33 SEA ABB=ON  PLU=ON  L8 (L) ((PAC OR THU OR USES)/RL OR
                THERAP?/OBI OR TREAT?/OBI OR  USE#/OBI)
L12      12 SEA ABB=ON  PLU=ON  L9 OR L10
L13      24 SEA ABB=ON  PLU=ON  L11 NOT L12
L14      36 SEA ABB=ON  PLU=ON  L12 OR L13
```
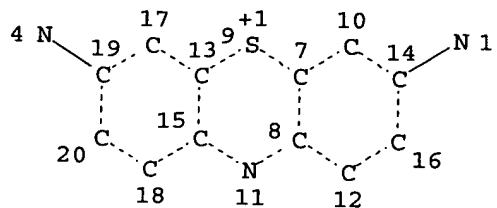
d his 11-17

=> d que stat 17
L1   STR

```
        17        +1        10
 4 N   19  C    13 9 S    7    C   14   N 1
     C          C         C        C
        15         8
20 C       C         C        C  16
     C          N        C
    18        11       12
```

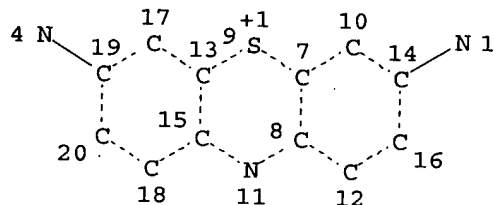NODE ATTRIBUTES:
CHARGE   IS E+1   AT   9
NSPEC   IS RC   AT   1
NSPEC   IS RC   AT   4
CONNECT IS E3   RC AT   1
CONNECT IS E3   RC AT   4
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
L2   720 SEA FILE=REGISTRY SSS FUL L1
L3   STR

```
        17        +1        10
 4 N   19  C    13 9 S    7    C   14   N 1
     C          C         C        C
        15         8
20 C       C         C        C  16
     C          N        C
    18        11       12
```

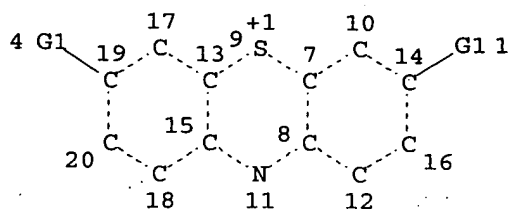NODE ATTRIBUTES:
CHARGE   IS E+1   AT   9
NSPEC   IS RC   AT   1
NSPEC   IS RC   AT   4
CONNECT IS E3   RC AT   1
CONNECT IS E3   RC AT   4
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
L4 (720)SEA FILE=REGISTRY SSS FUL L3
L5   STR

VAR G1=23/26
NODE ATTRIBUTES:
CHARGE   IS E+1   AT   9
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS   22

STEREO ATTRIBUTES: NONE

L6	415	SEA FILE=REGISTRY SUB=L4 SSS FUL L5
L7	305	SEA FILE=REGISTRY ABB=ON PLU=ON L2 NOT L6

FILE 'CAPLUS' ENTERED AT 09:41:30 ON 17 JUL 2006

L8	69	S L7
L9	9	S L8 AND (PHARMACEUT? OR 63/SX,SC)
L10	4	S L8 AND (1/SX,SC)
L11	33	S L8 (L) ((PAC OR THU OR USES)/RL OR THERAP? OR TREAT? OR USE#
L12	12	S L9 OR L10
L13	24	S L11 NOT L12
L14	36	S L12 OR L13

```
=> fil reg
FILE 'REGISTRY' ENTERED AT 09:52:08 ON 17 JUL 2006
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    14 JUL 2006   HIGHEST RN 892755-86-1
DICTIONARY FILE UPDATES:   14 JUL 2006   HIGHEST RN 892755-86-1

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> d que stat 17
L1                    STR
```
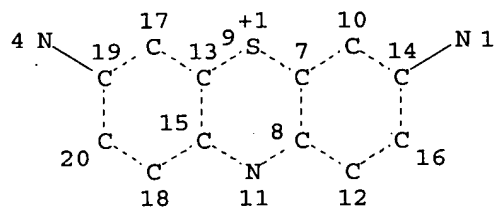


```
NODE ATTRIBUTES:
CHARGE    IS E+1     AT    9
NSPEC     IS RC      AT    1
NSPEC     IS RC      AT    4
CONNECT IS E3    RC AT    1
CONNECT IS E3    RC AT    4
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   16

STEREO ATTRIBUTES: NONE
L2            720 SEA FILE=REGISTRY SSS FUL L1
L3            STR
```

17 +1 10
4 N 19 C 13 9 S 7 C 14 N 1
   C   C   C   C
      15   8
20 C   C   C   C 16
    C   N   C
   18   11   12

NODE ATTRIBUTES:
CHARGE   IS E+1   AT   9
NSPEC   IS RC   AT   1
NSPEC   IS RC   AT   4
CONNECT IS E3   RC AT   1
CONNECT IS E3   RC AT   4
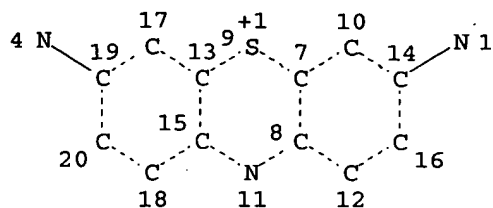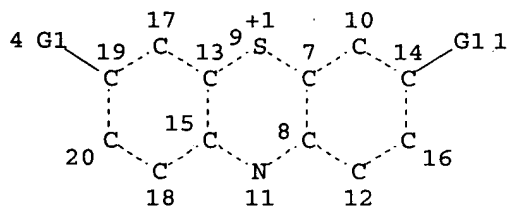DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
L4 (720) SEA FILE=REGISTRY SSS FUL L3
L5   STR

17 +1 10
4 G1 19 C 13 9 S 7 C 14 G1 1
    C   C   C   C
       15   8
 20 C   C   C   C 16
     C   N   C
    18   11   12

Me N Me   Et N Et
22 @23 24   25 @26 27

VAR G1=23/26
NODE ATTRIBUTES:
CHARGE   IS E+1   AT   9
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE
L6   415 SEA FILE=REGISTRY SUB=L4 SSS FUL L5
L7   305 SEA FILE=REGISTRY ABB=ON PLU=ON L2 NOT L6

=> fil caplus
FILE 'CAPLUS' ENTERED AT 09:52:21 ON 17 JUL 2006
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FILE COVERS 1907 - 17 Jul 2006   VOL 145 ISS 4
FILE LAST UPDATED: 16 Jul 2006   (20060716/ED)

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http://www.cas.org/infopolicy.html
'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

```
=> d que nos 114
L1              STR             .
L2         720 SEA FILE=REGISTRY SSS FUL L1
L3              STR
L4  (      720)SEA FILE=REGISTRY SSS FUL L3
L5             STR
L6         415 SEA FILE=REGISTRY SUB=L4 SSS FUL L5
L7         305 SEA FILE=REGISTRY ABB=ON   PLU=ON   L2 NOT L6
L8          69 SEA FILE=CAPLUS ABB=ON   PLU=ON   L7
L9           9 SEA FILE=CAPLUS ABB=ON   PLU=ON   L8 AND (PHARMACEUT?/OBI OR
               63/SX,SC)
L10          4 SEA FILE=CAPLUS ABB=ON   PLU=ON   L8 AND ( 1/SX,SC)
L11         33 SEA FILE=CAPLUS ABB=ON   PLU=ON   L8 (L) ((PAC OR THU OR
               USES)/RL OR THERAP?/OBI OR TREAT?/OBI OR   USE#/OBI)
L12         12 SEA FILE=CAPLUS ABB=ON   PLU=ON   L9 OR L10
L13         24 SEA FILE=CAPLUS ABB=ON   PLU=ON   L11 NOT L12
L14         36 SEA FILE=CAPLUS ABB=ON   PLU=ON   L12 OR L13
```

```
=> d .ca hitstr 114 1-36
```

L14   ANSWER 1 OF 36   CAPLUS   COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:340132   CAPLUS
DOCUMENT NUMBER: 144:401251
TITLE: Changing light absorption by disruption of conjugation
INVENTOR(S):   Selinfreund, Richard H.
PATENT ASSIGNEE(S):   USA
SOURCE: U.S. Pat. Appl. Publ., 18 pp., Cont.-in-part of U.S.
                             Ser. No. 113,516.
                             CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006078707	A1	20060413	US 2005-234038	20050923
US 2004004922	A1	20040108	US 2003-418898	20030417
US 2004110088	A1	20040610	US 2003-641784	20030815
US 6952392	B2	20051004		
US 2005107607	A1	20050519	US 2003-715226	20031117
US 2005186382	A1	20050825	US 2005-113516	20050425
PRIORITY APPLN. INFO.:			US 2002-389223P P	20020617

Leslie Royds 10/723,420

=> d his ful

```
        FILE 'HCAPLUS' ENTERED AT 10:40:21 ON 17 JUL 2006
                E BROWN S/AU
L1          396 SEA ABB=ON   PLU=ON   "BROWN S"/AU OR ("BROWN S B"/AU OR "BROWN
                S BRUCE"/AU)
                E BROWN STANLEY /AU
L2          166 SEA ABB=ON   PLU=ON   "BROWN STANLEY"/AU OR ("BROWN STANLEY
                B"/AU OR "BROWN STANLEY BEAMES"/AU)
                E OGRADY C/AU
                E O GRADY C/AU
L3           49 SEA ABB=ON   PLU=ON   "O GRADY C"/AU OR ("O GRADY CASSANDRA
                CLAIRE"/AU OR "O GRADY CASSANDRA CLARE"/AU)
                E LEEDS J/AU
                E GRIFFITHS J/AU
L4          119 SEA ABB=ON   PLU=ON   "GRIFFITHS J"/AU OR ("GRIFFITHS J G"/AU OR
                "GRIFFITHS J G A"/AU OR "GRIFFITHS J GLENVILLE"/AU)
                E GRIFFITHS JOHN/AU
L5          170 SEA ABB=ON   PLU=ON   "GRIFFITHS JOHN"/AU OR ("GRIFFITHS JOHN
                G"/AU OR "GRIFFITHS JOHN G A"/AU)
                E MELLISH K/AU
L6           12 SEA ABB=ON   PLU=ON   ("MELLISH K J"/AU OR "MELLISH KIRSTE J"/AU
                OR "MELLISH KIRSTE JOANNE"/AU)
                E TUNSTALL R/AU
L7            5 SEA ABB=ON   PLU=ON   "TUNSTALL R"/AU OR ("TUNSTALL RICHARD
                G"/AU OR "TUNSTALL RICHARD GEORGE"/AU)
                E ROBERTS K/AU
                E ROBERTS D/AU
L8          324 SEA ABB=ON   PLU=ON   "ROBERTS D"/AU OR ("ROBERTS D J"/AU OR
                "ROBERTS D J H"/AU)
                E ROBERTS DAVID/AU
L9          191 SEA ABB=ON   PLU=ON   "ROBERTS DAVID"/AU OR ("ROBERTS DAVID
                J"/AU OR "ROBERTS DAVID J H"/AU) OR ("ROBERTS DAVID JOHN"/AU
                OR "ROBERTS DAVID JOHN HOWARD"/AU)
                E  VERNON D/AU
L10          50 SEA ABB=ON   PLU=ON   "VERNON D"/AU OR "VERNON D I"/AU OR
                "VERNON DAVID"/AU OR ("VERNON DAVID I"/AU OR "VERNON DAVID
                IAN"/AU)
L11        1357 SEA ABB=ON   PLU=ON   (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR
                L8 OR L9 OR L10)

        FILE 'REGISTRY' ENTERED AT 10:46:35 ON 17 JUL 2006
                ACT ROYDS/A
                ---------
L12             STR
L13         720 SEA SSS FUL L12

        FILE 'HCAPLUS' ENTERED AT 10:47:28 ON 17 JUL 2006
L15       11942 SEA ABB=ON   PLU=ON   L13
L16          13 SEA ABB=ON   PLU=ON   L11 AND L15


=> d que stat 13
'13' IS NOT VALID HERE

=> d que stat 113
L12             STR
```
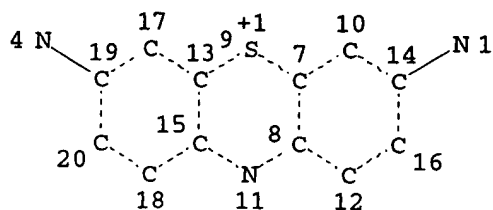
```
NODE ATTRIBUTES:
CHARGE   IS E+1    AT    9
NSPEC    IS RC     AT    1
NSPEC    IS RC     AT    4
CONNECT IS E3  RC AT    1
CONNECT IS E3  RC AT    4
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  16

STEREO ATTRIBUTES: NONE
L13              720 SEA FILE=REGISTRY SSS FUL L12

100.0% PROCESSED    1226 ITERATIONS            720 ANSWERS
SEARCH TIME: 00.00.01
```